

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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WILLIAM R. BEARD

SERIAL NO. ---

DATE: October 28, 2003

FILED: Herewith

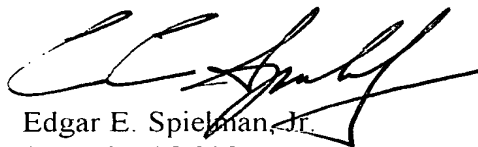
FOR: Preparation Of Aluminates  
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Commissioner For Patents  
Washington, DC 20231

Sir:

Enclosed herewith for consideration by the Examiner is an Information Disclosure Form PTO/SB08a together with a copy of each document listed thereon.

Respectfully Submitted,



Edgar E. Spielman, Jr.  
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Attorney of Record

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Substitute for form 1449/PTO				<b>Compleat if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	----
				Filing Date	Herewith
				First Named Inventor	William R. Beard
				Art Unit	----
				Examiner Name	----
Sheet	1	of	2	Attorney Docket Number	OR-7293

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	US-1	US-2,849,349	08-26-1958	Ziegler et al.	
	US-2	US-3,234,115	02-08-1966	Ziegler et al.	
	US-3	US-3,254,009	05-31-1966	Ziegler et al.	
	US-4	US-3,285,947	11-15-1966	Ziegler et al.	
	US-5	US-3,361,781	01-02-1968	Ziegler et al.	
	US-6	US-3,766,234	10-16-1973	Kirsch	
	US-7	US-3,969,195	07-13-1976	Dotzer et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7 <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		<b>Group Art Unit</b>	----		
		<b>Examiner Name</b>	----		
<b>Sheet</b>	2	<b>of</b>	2	<b>Attorney Docket Number</b>	OR-7293

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	L-1	Ahmad, N., et al., "Ligand Exchange in Tetraalkylaluminum Ions: Catalysis by the Sodium Ion", Organometallics, vol 3, 1984, ppg 389-392	
	L-2	Grosse, A.V., et al., "Organoaluminum Compounds I. Methods of Preparation", J. Org. Chem., vol 5, 1940, ppg 106-121	
	L-3	Hoberg, H., et al., "Radikalische Zwischenstufen Bei Der Bildung von Kaliumtetraethylaluminat Aus Triethylaluminium Und Kalium", J. of Organometallic Chemistry, vol 184, 1980, ppg 1-5. Abstract only translated	
	L-4	Lehmkuhl, H., "Complex Formation with Organoaluminum Compounds", Angew. Chem. Internat. Edit., vol 3, No. 2, 1964, ppg 107-114	
	L-5	Lehmkuhl, H., et al., "Deposition of Aluminum - Magnesium Alloys from Electrolytes Containing Organo-Aluminum Complexes", Advanced Engineering Materials, Vol 3, No. 6, 2001, ppg 412-417	
	L-6	Lehmkuhl, H., et al., "Elektrolytische Abscheidung von Aluminium-Magnesium-Ligierungen aus aluminiumorganischen Komplexelektrolyten", Mat.-wiss. U. Werkstofftech. Vol 31, 2000, ppg 889-898. Abstract only translated.	
	L-7	Lehmkuhl, H., et al., "Organometallic compounds. XLIV. Electrochemical Studies on the Synthesis of Ethyl Metal Compounds", Justus Liebigs Ann. Chem., 1967, 705, ppg 1-22. Chemical Abstracts, vol 67, 1967, column 73639, item 73639h, 1 page.	
	L-8	Mole, T., et al., Organoaluminum Compounds, Chapter 7, Organoaluminates, New York, Elsevier Publishing Co., 1972, ppg 167-204	
	L-9	Schaschel, E., et al., "Ion-Solvent Interactions. Solvation of the Sodium Ion", J. of the Am. Chem. Soc., vol 90:2, January 17, 1968, ppg 503-504.	
	L-10	Zakharkin L.I., et al., "Complexes of Trialkylaluminums and Dialkylaluminum Hydrides with Alkyls of Alkali Metals and Their Hydrides", J. of General Chemistry of the USSR, vol 32, 1962, ppg 688-690	

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